

MARKED-UP VERSION OF AMENDED CLAIMS

2. The ullage meter of Claim [1] 8 in which the coating is painted on said container.
3. The ullage meter of Claim [1] 8 in which the coating is a film applied to the surface of said container.
- 5 4. The ullage meter of Claim [1] 8 in which said distinct areas are organized in groups, each group corresponding to a pre-determined final temperature for the tank.
5. The ullage meter of Claim [1] 8 in which the indicating numbers are percentages of the gas that would be available compared to that of a filled, cooled tank at the same pressure.
6. The ullage meter of Claim [1] 8 in which the indicating numbers are units of pressure to which
10 a warm, filled tank will drop upon cooling to a particular temperature.
7. An ullage meter for a container of freshly compressed gas comprising:
 - an indicating meter sensitive to the temperature of said compressed gas, said meter having means to indicate the [future] ullage in said container based on common gas laws once [it] said container has equilibrated to a particular temperature.
- 15 8. {new claim replacing Claim 1) An ullage meter for a container of compressed gas using a color-changing coating on said container outer wall, said coating being formed in distinct areas, each area sensitive to a particular color-changing temperature while said particular temperature prevails, each area having a number imprinted within it, said number being made visible by said color changing, comprising:
 - 20 said number defining the future ullage in said container once it shall have cooled to a particular temperature[.],
 - said prevailing temperature and said particular cooled temperature defining ullage at said prevailing temperature relative to said cooled temperature as determined by calculations using the physical principles of common gas laws.

CLEAN VERSION OF ALL PENDING CLAIMS

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2. The ullage meter of Claim 8 in which the coating is painted on said container.

3. The ullage meter of Claim 8 in which the coating is a film applied to the surface of said container.

4. The ullage meter of Claim 8 in which said distinct areas are organized in groups, each group
10 corresponding to a pre-determined final temperature for the tank.

5. The ullage meter of Claim 8 in which the indicating numbers are percentages of the gas that would be available compared to that of a filled, cooled tank at the same pressure.

6. The ullage meter of Claim 8 in which the indicating numbers are units of pressure to which a warm, filled tank will drop upon cooling to a particular temperature.

15 7. An ullage meter for a container of freshly compressed gas comprising:

an indicating meter sensitive to the temperature of said compressed gas, said meter having means to indicate the ullage in said container based on common gas laws once said container has equilibrated to a particular temperature.

8. An ullage meter for a container of compressed gas using a color-changing coating on said
20 container outer wall, said coating being formed in distinct areas, each area sensitive to a particular color-changing temperature while said particular temperature prevails, each area having a number imprinted within it, said number being made visible by said color changing, comprising:

said number defining the future ullage in said container once it shall have cooled to a
25 particular temperature,

said prevailing temperature and said particular cooled temperature defining ullage at said prevailing temperature relative to said cooled temperature as determined by calculations using the physical principles of common gas laws.